

Please change line 17 to read as follows: [-slope

b7 compensation techniques. Thus, in order to remedy these drawbacks and improve--

Line 18, change "test" to --tests--

Line 19, change "fundamental" to --fundamentals--

Line 21, change "stabilize" to --stabilizes--

Line 22, after "of" insert --a conventional-- and after "1," insert --and--

Page 2

Line 1, change "mode" to --modes--

Line 2, change "If a" to --When-- and after "continuous" insert --mode--

ba Line 3, after "mode." insert [-However, the power converter
exhibits instability in continuous mode generally.]- and after "of"
insert --the--

Line 4, change "figure out" to --determine-- and change "of" to --for--

Line 6, after "of" insert --the--

Line 9, change "(T-TON);" to --(T-TON)---

Line 14, after "time" insert --period--

Line 15, change "(2T), But" to --(2T)---

Line 16, change "Then" to --and thus--

Line 18, change "energy can not" to --energy which cannot--, change "delivery" to --deliver-- and after "off" insert --time--

Line 19, delete "time" and change "remaining" to --remain--

Line 21, change "regulate" to --regulates--

Line 23, change "compare" to --compared--

Line 25, change "to level of the Verr," to --the level of
Verr,--

Line 26, change "in proportion" to --proportional--

Line 32, change "out of" to --not--

Line 33, change "non-linearly oscillate" to --oscillate non-
linearly--

Line 34, change "the loop stable." to --loop stability.--

Line 35, change "improve" to --improves-- and before "current"
insert --the--

Page 3

Line 3, change "This is seen from equation" to --Equations--,
change "(4), (5)," to --(4), and (5), demonstrate that-- and change
"remain constant," to --remains constant,--

Line 4, change "increase" to --increases-- and change
"decrease" to --decreases--

Line 5, change "compare" to --compared--

Line 7, change "voltage, it" to --voltage. It--, delete "the"
(second occurrence) and change "noise immunity" to --immunity to
noise--

Line 13, change "while" to --during--

Line 14, before "current" insert --conventional-- and delete
"per se are known, it"

Line 15, delete "it"

Line 18, change "it may operate" to --operates--

Line 22, change "this" to --This-- and change "4. It illustrates the mechanism of" to --4: illustrating--

Line 26, change "different. The difference is" to --different, difference-- and change "which cause" to --causes--

Line 29, delete "the effect is then" and delete "which"

Line 30, delete "and" and change "approach to" to --approaches for solving--

Line 31, delete "solve"

Line 32, change "a" to --the--

Line 33, before "dummy" insert --the-- and change "load, however" to --load. However--

Line 34, change "can not" to --cannot--, change "requirement of the" to --requirements of-- and change "embodiment" to --goal--

Line 35, change "only consuming the" to --to only consume-- and change "operation." to --operation such that.--

Line 36, change "And no power or few" to --No power, or little--

Page 4

Line 1, change "how to save the" to --conserving--

Line 5, after "after" insert --a--

Line 6, change "goes" to --go--

Line 7, change "side the mechanism" to --sides the mechanics--

Line 8, change "increase" to --increases--

Line 9, change "faster" to --steeper--

Line 13, delete "it" and delete "we obtain"

Line 15, change "We can find" to --It can be seen--

Line 16, change "increase" to --increasing--

Line 17, before "current" insert --the--

Line 20, change "There" to --These methods, however,-- and
before "unable" insert --are--

Line 21, change "in" to --under--

Line 23, change "prior approach," to --conventional
approaches--

Line 24, delete "novel" and delete "avoid"

Line 25, delete "wide input range" and change "conversion.

Besides," to --conversion suitable for wide input voltage ranges.

b3
Additionally,--

Line 27, delete "the" (second occurrence)

Line 28, change "save the material cost." to --save material
costs.--

Line 29, change "allow" to --allows--

Line 31, change "condition. And," to --condition.
Furthermore,-- and change "load, no" to --load or--

Line 32, before "present" insert --the-- and change "which
will enhance" to --enhances--

Line 33, after "of" insert --the--

Line 34, change "thereby a" to --thereby necessitating only--
and delete "is only need"

Page 5.

Line 1, change "converters, this" to --converter, a-- and change "are" to --is--

Line 5, change "signals;" to --signals.-- and after "to" insert --a--

Line 6, change "compensation; the" to --compensation. The--

Line 7, change "the connection of" to --connection to-- and after "of" (second occurrence) insert --the--

Line 8, after "of" insert --the--

Line 10, change "converter wherein the" to --converter. The--

Line 12, after "of" insert --the--

Line 13, change "The Drawing" to --Brief Description of the Drawings--

Line 14, after "illustrating" insert --a conventional--

Line 15, delete "the"

Line 18, change "illustrates the mechanism of a" to --thus illustrating--

Line 20, change "the invention;" to --the present invention; and--

Line 21, after "in" insert --the--

Line 23, change "Fig. (1) show an embodiment of current" to --Fig. (7) shows an embodiment of a current--

Line 24, before "invention." insert --present--

Line 25, change "drive" to --drives--

Line 28, change "Due to the" to --The-- and change " U_1 ", the" to -- U_1 . Thus, the--

Line 29, change "of signal from cur-" to --of the signal from the current--

Line 30, delete "rent", delete "to" and change "signal from voltage" to --a signal from a voltage--

Line 31, after "consists" insert --of--

Line 36, delete "it"

Line 37, change " C_5 ." to -- C_2 .-- and change "have" to --has--

Line 39, change "it is" to --as--

Line 40, after "of" insert --the-- and change "connect" to --connected--

Page 6

Line 1, after "produce" insert --a--

Line 2, after "of" (both occurrences) insert --the--

Line 4, change "Bridge" to --Bridged--

Line 5, after "of" insert --the--

Line 6, change "to" (second occurrence) to --as--

Line 7, after "of" insert --the--

Line 8, before "power" insert --the--

Line 10, after "of" insert --the device of--

Line 14, change "if" to --If-- and change "enough high," to --high enough,--

Line 20, change "direct proportion" to --directly proportional-- and change "inverse proportion" to --inversely proportional--

Line 22, change "constant of voltage" to --constants of the voltage--

Line 26, change " T_{ON} ," to -- T_{ON} --

Line 27, change "thus equation" to --Thus equations--

Line 33, change "The" to --An--

Line 35, change "And less" to --Furthermore, less--

Line 36, change "equation" to --equations-- and change "implementation, following results" to --implementation, the following results were--

Line 37, delete "are"

Page 7

Line 1, change "power converter is" to --the power converter was--

Line 2, change "is" to --was--

Line 4, change "is" (first occurrence) to --was-- and delete "is" (second occurrence)

Line 5, delete "an"

Line 9, change "permit means" to --permitted--

Line 10, change "maintain" to --maintaining--

Line 12, change "condition" to --conditions--

Line 15, change "The" to --Therefore,--